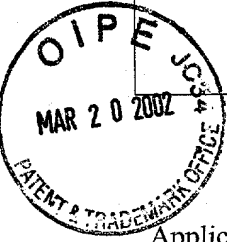


03-21-02

HPOWER 204.1

This correspondence is being sent by Express Mail No. EL 829645021 US in an envelope address to Commissioner of Patents and Trademarks, Washington, D.C.20231 on March 20, 2002

Eileen Sheffield
Eileen Sheffield



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Marten Ternan
Serial No. : 09/918,707
Filed : July 31, 2001
For : APPARATUS FOR A FUEL PROCESSING SYSTEM

Commissioner of Patents
and Trademarks
Washington, D.C. 20231
Box Missing Parts

March 20, 2002

RESPONSE TO NOTICE TO FILE MISSING PARTS

S I R

Responsive to the Notice to File Missing Parts of Application dated September 20, 2001

(copy enclosed), Applicant submits herewith the following documents:

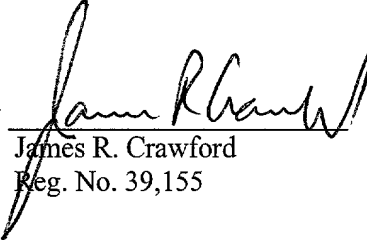
1. Response to Notice to File Missing Parts
2. Executed Declaration
3. Petition for Extension of Time
4. Preliminary Amendment
5. Substitute specification
6. Substitute drawings (Figs. 1-6)
7. Check for \$1165.00

EL829645021US

If any additional fees are due to maintain pendency of this application, authorization is given to charge deposit account no. 50-0624.

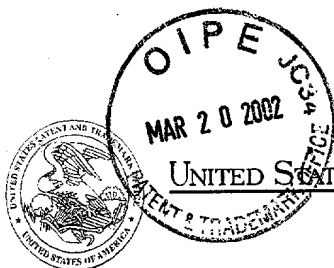
Respectfully submitted,

FULBRIGHT & JAWORSKI L.L.P.

By 
James R. Crawford
Reg. No. 39,155

666 Fifth Avenue
New York, New York 10103
(212) 318-3148
Enclosures

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/918,707	07/31/2001	Marten Ternan	HPOWER-204.1

CONFIRMATION NO. 2467

FORMALITIES LETTER



OC000000006581044

24972
FULBRIGHT & JAWORSKI, LLP
666 FIFTH AVE
NEW YORK, NY 10103-3198

Repln. Ref: 04/04/2002 SSALEEKU 0000515300
DAH:500624 Name/Number:10001246
FC: 704 \$10.00 CR

Date Mailed: 09/20/2001

Adjustment date: 04/04/2002 SSALEEKU
03/22/2002 ANAB11 00000058 500624 09918707
04 FC:203 161.00 CR -16.00 CR

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

03/22/2002 ANAB11 00000058 500624 09918707

FILED UNDER 37 CFR 1.53(b)

01 FC:201 370.00 OP
02 FC:205 65.00 OP

Filing Date Granted

03/22/2002 ANAB11 00000058 500624 09918707

04 FC:203 161.00 CR -16.00 CR
An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$342.
■ \$342 for 19 total claims over 20.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1182.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52 because:
 - Line spacing on the specification, claims, or abstract is not 1-1/2 or double spaced (See 37 CFR 1.52(b)).
- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom

FULBRIGHT & JAWORSKI, LLP
NEW YORK OFFICE

2001 SEP 28 A 11: 00

DOCKET DEPT.
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Void date: 03/22/2002 ANAB11 00000057 500624 09918707
03/22/2002 ANAB11 00000057 500624 09918707
04 FC:201 161.00 CR -16.00 CR
03 FC:205 65.00 OP

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02 FC:203 171.00 CR
03 FC:205 65.00 OP

margin of at least 1.0 cm. (3/8 inch);

- Abstract must be on a separate sheet.

A copy of this notice MUST be returned with the reply.

Customer Service Center

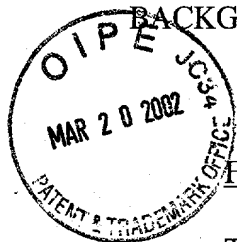
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

[illegible]

CLEAN COPY OF PAGE 1 OF SPECIFICATION WITH NEW ADDITIONS

BACKGROUND TO THE TECHNOLOGY:



Field

This application claims priority from U.S. provisional application Serial No. 60/224,673 filed August 11, 2000.

The present invention relates to new apparatuses useful for the conversion by steam reforming of hydrocarbons and fossil fuels into hydrogen that is the feedstock for fuel cell stacks that generate electricity. Still more particularly, the present invention is concerned with particular equipment, a hydrocarbon generating apparatus, a single vessel heat integrated multi-stage water-gas shift reactor, a multiple heat source boiler, a multi-functional heat exchanger, and a multi-staged preferential oxidation reactor, and the combination thereof into a fuel processor. The present invention is further related to the integration of said fuel processor with a fuel cell stack.